



# THE GARZETTE



VOLUME 7, ISSUE 2

**IS THIS YOUR LAST GARZETTE?**  
Check your address label to see if your  
membership dues were received

## The President's Pen

By Ike Chapman, KE4GYM

June is here and summer is upon us, even if the weather seems to indicate the contrary as I write this. June also means a very busy month for **GARS**. We've got a concert at Shiloh High School, a 5K run in Buford, the ARC Hamfest, and last but certainly not least, Field Day. All of these events required staff and planning to make them a success and I want to thank all those that volunteered to serve as team captains and those that come out to assist those team captains.

John Farr, KD6CLO is moving right along with getting the **GARS** packet BBS online. For those that missed last month's meeting, N4NIA has gone off the air and **GARS** is putting a



new node online to serve the amateur community in this area. The BBS will use the callsign KD6CLO, since WD4JXR is already in use for the SNELLV packet switch. John is also still looking for help with the newly formed Digital Radio Committee.

I'd also like to remind you that it's dues renewal time. You should have received a renewal notice in the mail if you didn't pick it up at the April meeting. As I write this around the first of June we still have over 140 members that haven't renewed. We expect to have some turnover in membership at renewal time but I urge each and every one that hasn't renewed to get your dues into the **GARS**

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## GWINNETT TOWERS Our Right to Height in Jeopardy?

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## GARS Ham Of The Month

**Darren Perlongo, KF4NOH**

Ham of the Month this month is the youngest member of the GARS Club, fourteen year old Darren Perlongo.

Darren was born in Miami, Florida. He and his family moved to the Atlanta area in 1985. He has attended Brookwood Middle School and Pharr Elementary currently attending Five Forks Trickum Middle School. Next year, Darren will be a

freshman at Brookwood High School. This year, at Five Forks, Darren has taken computer classes and is finishing up the year with his Physical Education courses.

Darren became interested in amateur radio last November somewhat by accident. Darren is very much into "camping survival" and while reading an issue of the Ameri-

(Continued on page 4)

## 1200 BAUD DX CLUSTER A REALITY!

Plus...

## A Packet Radio Update

by Steve Diggs, W4EPI

So much has changed in the packet radio scene in the last year or so, that I thought that this would be the perfect chance to up-

date everybody.

Several unrelated events came together that as a

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## THE GARZETTE

**THE GARZETTE** is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, submit items in ASCII text format or Microsoft Word format by email to ad4pz@aol.com or by posting a private message on the SA BBS (770) 903-6789, to Joe Biddle in the *GARS* conference. Use the Save Attached command and mark the security to receiver only. Art can be accepted in most any graphics format and can be submitted on an IBM formatted disk or via email as an unencoded file attachment.

Contact the editor for other format compatibility or other means of transfer.

**Deadline for submissions is the first of each month.**

### GARZETTE Editor

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My thanks to all of them for their help in producing **THE GARZETTE**.

All correspondence relating to articles posted in **THE GARZETTE** or for information concerning advertisement rates for **THE GARZETTE** should be directed to the following address:

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Attn: Newsletter Editor

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## THE GARZETTE

### ...as the Tower Turns

(Continued from page 1)

I hope that everyone knows by now that Gwinnett County is proposing a new ordinance governing telecommunications towers. This new ordinance exempts amateur radio towers that are up to seventy feet in height from the restrictions of the ordinance. This is a change from the previous ordinance that restricted our towers to fifty feet of height.

While we do appreciate the extra twenty feet, the ordinance does provide for restrictions for towers over seventy feet that would make it economically unfeasible for the average ham to meet. These include a set back of 150% of the tower height from any structure, property line, or public road, anti-climbing devices, a 10 foot high chain line fence around the tower, and then a 10 foot buffer of shrubbery around the fence.

When this ordinance was first proposed, Howie Gould, W4NVF and Marty Fowler, KE4MLH met with the county zoning board and the other tower users such as the cell phone companies. During this meeting, Howie tried to make it clear to the county that amateur radio towers should be exempted from the same regulations as commercial towers. As I said above, the resulting proposal gives us seventy feet but then we're in the same boat as the cell phone guys.

On May 22<sup>nd</sup>, the county Zoning and Planning Board held a public hearing on the new proposal. Due to the efforts of our VP Larry Osborne, KD4QFD, we were able to get Jim Altman, N4UCK to present our case to the board. We have over forty hams in attendance at this meeting to show our support to Jim and our position. For those that don't know Jim, he is the former ARRL Section Manager for Georgia and is currently

the Assistant Section Manager for legal affairs for Georgia. Jim is an attorney that specializes in zoning cases and has represented the ham community in neighboring counties.

Jim was the only ham to speak before the board and talked about our involvement in emergency communications. He explained to the board why we needed the height and why we could not and should not be held to the same standards as the commercial towers.

Following this meeting, Jim had written communications from the county that indicated that we would not be held to the 150% setback rules above seventy feet. Waivers for the remainder of the restrictions would have to be voted on by the County Commissioners on a case by case basis. The County Commissioners met on May 27<sup>th</sup> and this time we had over 60 hams in attendance to support our position.

Howie Gould, W4NVF was our spokesman at this meeting and did a great job in presenting our case to the commissioners. After several groups, hams, homeowners, and the cell phone companies raised objections to the present ordinance the commissioners voted to table the ordinance until June 24<sup>th</sup>. They advised all interested parties to communicate their proposals to the Planning Department for consideration.

The ordinance, in some form or the other will be voted on by the commissioners on June 24<sup>th</sup> without any further public discussion. We have no guarantee that any of our suggestions will be acted on, or do any of the other concerned groups.

As this issue goes to press, I've asked Larry Osborne, KD4QFD to chair a group that will meet and present our position to the Planning Department. It is important that we

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## Rookie Radio

By Carter Wood, KF4HLF

## ONLY TWO CRAYONS

Congratulations on that new Technician license! You have worked hard and learned a lot. You did well or at least got lucky on the tests. Welcome to amateur radio. Whether you realize it or not, your happy new status is much like a child getting a big thick coloring book - and only two crayons! Until you learn the code and get some of the HF privileges, you are only scratching the surface of this vast and fascinating hobby.

So how do you get started on learning the code? There are many approaches. Some are expensive and others are free. Some are simple and others are quite involved. Here is a review of several techniques. A lot of people learn code from audio tapes. I have tried two that are pretty good. The 'Novice Code' tapes from Radio Shack is a two cassette package. The technique here is to listen and write what you hear. It starts with simple characters and has lots of 'random run' exercises. Another good tape, but with a different approach is the set by Jerry Zilliak KB6MT.

The first of these three tapes encourages you to NOT write the characters but just listen and get the 'feel' of each character. As such this set is very good for (solo) roadtrips. The YF is allergic to "that d--- beeping". One tape that I do not recommend is 'The Rhythm of the Code'. It is a musical expression of each character and while it is fun about the only thing you learn is to recognize the Boston Yankee accent of the announcer. You can always tell a Yankee, you just can't tell him much.

Computer training on code is very good too. I like 'Morse Academy'. It shows each letter in a very large

font as it plays the code. Just sit back and take it in. You absorb the code rather than learn it. 'Morse Tutor Gold' is very good too. A key feature here is the five character words that are sent at any desired speed. Any version of Windows will run it and setting the screen saver to a very short wait keeps you from peeking at the characters that are being sent.

The BEST way to perfect code transcription and build speed - after you have learned the characters is in the real world. Tune in to GARS Code practice on Tuesday night at 8pm. Other repeaters have practices too. Hang a wire in the trees and listen to W1AW. You don't need any license to listen. Slow code is usually in the low end of each of the HF bands.

Here's the guarantee - buy or borrow any of these or the many other training vehicles, Set them on the shelf. Have good intentions. Think about operating with the greater privileges. Do ALL of these things and I guarantee that you will never get past the 5 minutes per word level. But it takes only a little dedication and perseverance. The 'experts' rate the learning curve to be about 30 days and '**Now You're Talking**' becomes '**Now You're Keying**'. 73 and CQ in the HF.



Don't forget Field Day this year with GARS. Check out the activities in the Special Edition GARZETTE.

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**...GARS Ham Of The Month**

*(Continued from page 1)*

can Survival Guide, he came across something pertaining to ham radio.

It sounded exciting and Darren thought that ham radio might be worth looking into. Through that initial contact with the hobby Darren was able to get in touch with members of our club and soon enrolled in the No-code technician class. His instructors were John Veach - KE4D and Larry Osborne - KD4QFD. On Darren's second attempt, he passed the no-code tech license. He got his ticket that same month as KF4NOH and has been enjoying the hobby for 7 months.

Darren uses a Kenwood dual-band TM733A. He works both 2 meters and 440. Darren has also experimented with antenna construction and has made himself what he calls a "wimpy" ground plane. Darren has a strong love for simplex operation on both 2 and 440. In seven months, Darren has logged over 100 contacts with 40% of them being on 2 and 440 simplex. His favorite spot is 146.52. Darren has logged a 60-mile simplex contact on 440. On 440 he calls a full CQ, but on 2 meters simplex he only announces KF4NOH monitoring. We talked in length about HF operation. At this time, Darren doesn't have a strong interest in HF. I believe Darren is a true VHF guy all the way. Darren explained it to me this way... VHF simplex operation is a true challenge that he cannot resist, but even with that in mind, Darren has full intentions on going all the way to the Extra Class.

Darren is currently working on his code speed and from time to time practices on the Tuesday night code net, but he was quick to inform me that some of his favorite TV shows come on that night, so sometimes the TV interferes with his code practice.

Darren's other hobbies include computers and...Get this.... Darren is "certified" in scuba diving. He has much experience diving in the Florida Keys.

Darren will turn 15 in August. He said he enjoys very much being in the GARS club. I asked him why. He said he likes the members of the club and that he is learning a lot about the hobby through us all. Darren does have some minimal interest in HF operation and said that he will be at Field Day and plans to help and work some HF phone. He explained that he doesn't want to get too "caught up" in HF because he doesn't want to loose that desire for VHF simplex operation and the challenge that goes along with it.

He has some antenna restrictions at home and explained to his parents how lucky they were that he into VHF and that if he were operating HF that the antennas get bigger and require more space. Most of Darren's antennas are of the attic variety and his plans include a beam in the attic soon although he was quick to point out to me that he loves to climb towers. He's not afraid of height. That's not exactly my sentiments as I'm afraid of width!!!

In closing out this month's ham of the month article I must say that I really admire this new, young hams persistence and love for VHF. His stick-to-it attitude should inspire even the most experienced ham. We need more new, young hams like Darren. We need them in our club. He's a sharp guy and I'm glad he chose our club to join. I am hoping that more young hams will follow his lead. Welcome Darren to our club, listen up on 146.52 for him and give him some simplex contacts.

See you next month with what I feel is a long overdue interview with one of our most dedicated members of our club. I'll keep you in suspense until then. Best 73, see you at the meeting. Also, remember not to miss Field Day. Come on out and help me out on the 15 meter phone/CW station. We're gonna work the world!!

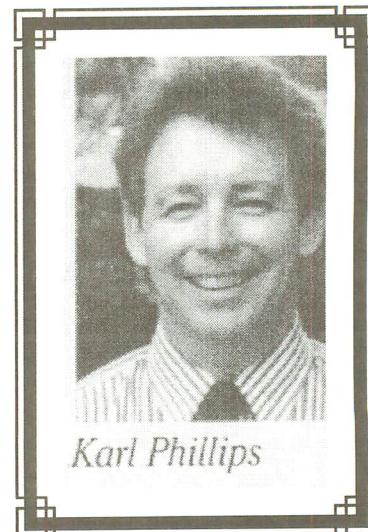
♦♦♦

**[From the Editor ]**

Pictured below is your Ham of the Month Reporter Karl Phillips, N4JON.

He's been doing a great job with this column and has done around fourteen HOMs now. Next time you see him give him a great big at a boy pat on the back for his efforts.

And if there is anyone you'd like to see featured as Ham of the Month, let Karl know. By the way, the editor has a list of HOMs back to 1993 if you would like to see who has been HOM and when.



*Karl Phillips*

**...The President's Pen**

(Continued from page 1)  
mailbox.

I want to express my congratulations Howie Gould, W4NVF who was voted an honorary lifetime membership to **GARS** at the May meeting. As I expressed in my letter to Howie, I can think of no one in the club that is more deserving of the honor. **GARS** as it exists today can be related directly to Howie's leadership.

As the newsletter goes to press, the club is still working on the proposed tower ordinance that is before the Gwinnett County Commission. I wrote a separate article on this for the newsletter but since I've written that one, we have proceeded to obtain an appointment with the planning department to present our case. This is a cooperative effort by members of **GARS**, Alford Memorial Radio Club, and the QCWA. I'd like to express my thanks to all those that have contributed greatly to this effort, including Howie Gould, W4NVF; Marty Fowler, KE4MLH, Larry Osborne, KD4QFD; Jud Whatley, W4NZJ; Lee Flack, KD4HPD.

Our June meeting will be devoted to a preview of Field Day. Pickett Cummins, AD4S will be making a presentation on logging. We will have a videotape with some footage shot at last year's Field Day and much more. Please make plans to be at the meeting on June 19<sup>th</sup>. This will be our last meeting before this year's Field Day so come out so we make final plans.

And one last thing before I wrap up this month's article. I want to congratulate Joe Biddle, AD4PZ on his first, but certainly not his last, issue of the **GARZETTE** as editor. I had looked forward to his first effort both as club president and former editor. Joe has certainly carried on the tradition established by Dean Matthews, AD4OD and myself. I'm looking forward to seeing how Joe puts his

personal stamp on the newsletter as it evolves from what I did with it. Now, I want to encourage each **GARS** member to write an article and get it to Joe. One of the great things that I had going when I was editor was a steady supply of articles. Club member participation is one of the things we consistently get good marks on from other editors. So pick up the pen or grab the keyboard and get your article down and off to Joe.

I look forward to seeing you all at the next club meeting on June 19<sup>th</sup> and don't forget the **GARS** weekly family breakfast each Saturday morning at Steak N' Shake in Lawrenceville. Come on out and join us, we've been having great turnouts and a great time.

**...as the Tower Turns**

(Continued from page 2)  
present a unified position instead of many different ideas. By the time you read this, our efforts will have been completed and we will be awaiting the vote on whatever form this ordinance takes.

I'd like to thank all those that have worked on getting out case to the commissioners and the planning department. Jud Whatley, W4NZJ; Larry Osborne, KD4QFD; Howie Gould, W4NVF; Marty Fowler, KE4MLH; Jim Altman, N4UCK all have been instrumental in communications with the county. There are many more that attended the meetings, called, wrote, and emailed the commissioners and I want to thank each of you as well.



## OVERKILL OR WHAT!?

Pulled from the packet cluster was this advertisement for an item that seem obscured to even have such a device.

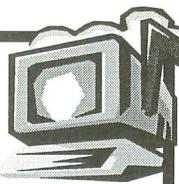
Date: 23-May 1439Z  
Subj: LARGE AMPLIFIER FS

Creative Electronics CE-5 000 amp is 4 years old and in mint condition. Tunes from 3.5 to 30 MHZ, Tuned input with roller inductor/vac cap output with vac relay. 3cx3000a7 finals with Built in Bird wattmeter.

200 watts drive produces 6 kw output. 450 watts drive produces 9-10 kw Atlant GA, \$6,500 firm call Steve...

I guess this would be like putting an Indy race engine on a tricycle. And to stay within legal operating limits, (ie:1500 watts) you'd have to keep it under 5 MPH.

**GARS  
Electronic Mail  
List**



If you have an EMail address and have not yet registered it with the club and wish to do so, please send a message to Suzanne Farr and request to be added to the list.

Send to: [suzannefarr@juno.com](mailto:suzannefarr@juno.com)



## ARES/ SkyWarn

By Lowry Rouse, KM4Z

One area of the ham radio hobby that seems to have lost participants is the art of handling messages through the NTS (National Traffic System). I include myself in that group of non-participants too. There are lots of reasons for the decline of "traffic handling" on the high frequency bands. E-Mail being the biggest reason, followed by messages being sent over packet radio, calling long distance, faxes and of course the dread of getting on "75 meters" to participate in the traffic nets (meaning hearing the profanity and antics that have mushroomed in recent years). Realistically the need for passing traffic via HF communications has declined due to reliable and more convenient ways as those mentioned.

The problem is though, 'if' in a disaster situation, these modern devices were not working, we then would go back to the old way of sending health and welfare messages via A.R.R.L. radiograms. All amateurs should be somewhat familiar with the format of formal traffic handling by the act of studying for the license exam.

By the way, I'm not stating that you should become avid traffic handlers for the NTS to be a good ARES member. What I am saying, is that you should be familiar enough with the procedure of creating, sending or receiving a message and relaying it to the intended recipient with reasonable speed and accuracy. This will be an area the Gwinnett ARES members will be receiving some training on in the near future.

Below are some activities that will be planned and implemented this summer:

1. Originating, sending and receiving both emergency and routine traffic.

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result, we now have links in our packet radio system that even I didn't think could be accomplished in a short time. First, the determined efforts to put packet back in operation in Lanier Mt. in Snellville came together. It is now the premier packet site in Georgia, to my knowledge. Keep in mind though, that Lanier isn't so much a destination, but a way to facilitate getting a long distance with just a simple system in your shack.

At the same time, there was a growing desire to make DXCluster functionality available again for hams with just a 1200-baud system. John Farr KD6CLO drove an effort to connect the existing 9600 DXCluster system in Atlanta with a packet switch that also has a 1200-baud port. With that approach, 1200-baud systems could access a 9600-baud Cluster. Unknown to any of us, Paul Pescatelli, K4UJ, was researching a way to get DXCluster spots off of the Internet and make them available for all to use. The problem for Paul was that while he could get the spots, he had no way to make them available to hams all over the Atlanta area.

As luck would have it, John and Paul made contact regarding this one central project: make DXCluster available to 1200-baud users. John contacted me about hooking Paul's effort into the Atlanta LAN, and the rest, as they say, is history. Paul and I began to work together to get his DXCluster node connected to the Lanier Mt. switch via 9600 packet. After 2 weeks of trial and error, the link took off! A user could connect to the Paul's system, now dubbed the "Southeast MegaCluster," or SEMC for short, from Lanier Mt., BellSouth Center, or Sweat Mt. Users could make either 1200 or 9600 connections just by knowing a single command. "DXC." Just in case you don't know the frequencies, connect to Lanier Mt. on 145.03 using the command "C SNELLV" or to BellSouth

## ...DX Cluster/Packet Radio

Center on 145.07 using "C W4PME."

I think it's important to know the roles that everyone plays in making this system function, especially the GARS role. GARS hosts packet radio on Lanier Mt. by allowing the East Atlanta LAN packet radio group to place antennas on the tower and an equipment rack in the radio room. The equipment itself is owned and operated by EAL, but it wouldn't be worth a hoot if weren't for the excellent radio coverage it gets by being at this site. Paul and the Southeast DX Club provide the DXCluster systems. This is the same group and that came out and did the presentation on the Heard Island Expedition.

GARS also provided Paul a Pac-comm Sprint II TNC to make the Lanier Mt. link work. The key message here is that this project was made possible by quite a number of different ham radio groups working towards a common goal, something we traditionally haven't had much success with here in Atlanta.

While this may be the end of this article, this story is far from over. Much is yet to be done. It seems that after several months' experience, a 9600-baud link may not be

(Continued on page 7)

## Ask yourself:

What would kind of club,  
would my club be,

If all of it's members,  
were just like me?

Volunteer for something  
Submit ideas  
Voice opinions

The club only prospers  
through You!

**...ARES**  
**SkyWarn**

(Continued from page 6)

both emergency and routine traffic. 2. Tom Crowell will teach a class on procedures associated with responding to the Red Cross's request for communication services. For example: apartment fires, opening up a shelter, air plane crash, floods, etc.)

3. To assemble a video library on severe weather similar to what is shown in the SKYWARN classes.
4. To get the Net control station team put together.
5. To perform a Simulated Emergency Test with active participation from members.
6. Arrange another visit to the NWS in Peachtree City.

Next month I'll try have some information on the proposed ATV transmitter that will broadcast a Doppler radar image from downtown Atlanta. Right now it's just an idea, but with Kevin (KF4HFN) and Jeff (KD4GPI) working on it, the reality of it looks good.



## Look Who's Talkin

Here are a few log entries from different hams who have had recent Radio contacts. This should show the few us with little or no experience that contacts even now at our so called sunspot low are plentiful. Check them out and give a call for CQ on a band, you never know who'll return your, "Seek You".

Compiled by Karl Phillips, N4JON

Date	Local Station	Other Station	Band	Mode
1/22/97	KE4D	VKOIR	20	SSB
Comments	Heard Island - Antarctica DX-pedition Station.			
1/26/97	W4NZJ	KH6CC	160	CW
Comments	Rare opening to Hawaii. Jud used a 120 foot sloper.			
5/5/97	AF4Y	C21RK	80	SSB
Comments	John, C21RK was located in the Island Republic of Nauru.			
4/12/97	KN4N	DL1SD	17	SSB
Comments	Wolf, DL1sd located in Germany.			

## THANK YOU

If you would like to acknowledge someone for their efforts in the community, please submit their names to me for this column. And who knows perhaps their efforts may inspire others.

This includes all those individuals supporting the team leaders.

Snellville Days

Marty, KE4MLH - team leader

Duluth Walkathon

Carlton, WA4ZUW - team leader

Dacula Parade

Bill, KE4EIH - team leader

Buford 5K run

Ike, KE4GYM - team leader

Thank you Gail Button for sending out those cards

Thanks to Howie, W4NVF, for speaking at the last County Commissioner Meeting.

Thank you John, KE4KPV, for teaching a most successful No Code Class.

## ...DX Cluster/Packet Radio

(Continued from page 6)

article, this story is far from over. Much is yet to be done. It seems that after several months' experience, a 9600-baud link may not be

a big enough pipe to carry all the new DXCluster traffic. We need to convert Paul's link to Lanier Mt. to 56 kilobaud, and also find a way to use high speed packet provide a path to the Internet, instead of expensive phone lines. Our 9600 port at BellSouth Center is operating without a bandpass cavity (tuned for 446.1 MHz) and suffers occasional pager interference problems. We need a Uninteruptable Power Supply (UPS) for the Lanier PC. The list goes on and on. The bottom line is that GARS has been a key player in making all of this come together, but we need to keep going!!



## WELCOME! NEW MEMBERS

The following is a list of new members from the May '97 meeting:

KF4MZD John E. Kemker, III  
 KF4RLZ Manuel Dominguez  
 KF4RMA Kevin Berry  
 KF4RMB Odelio Banuelos  
 KQ4TI Patrick Moon

Total in GARS now at: **324**



Although the repeater system seems to be in fine shape now, there is always the possibility of break down. And if we ever want to expand our system capabilities or other asset expansion, we need to plan to have the funds to do so. I would encourage everyone to contribute anything to the repeater fund. Do it with your renewal or send in at anytime any amount you wish. An odd statistic has raised since renewals have been coming in. A lot of donations have been coming from those who you never hear on the repeater. Even Toshi, AD4ZZ who resides in Japan contributed.

-Ed

## Dacula Memorial Day 1997

**With Horse Back Mobile**  
 by Bill Ahls, KE4EIH

GARS was busy in Dacula for both the Third Annual Dacula Memorial Day Run and the Fourth Annual Dacula Memorial Day Parade. The weather was overcast and kept all cool from the sun of previous years. A good time was had by all participants and volunteers. Duane Hanson, KD4KCR was spotted by more than one ham in the 5K run, after working as a GARS volunteer last year, he said he felt like running this year. You may not feel like running, but we had 15 members working this year. Dacula officials thank GARS members working the events David Adcock, KA4KKF; Doug Kregel, KB6RRX; Karen Kregel, KC6JCX; Mark Kozma, KD3GC; Bill Ahls, KE4EIH; Ike Chapman, KE4GYM; John Sokol, KE4KPV; Marty Fowler, KE4MLH; Jim Knight, KE4VTH; Buddy Menshew, KE4YZS; Paul Ahls, KF4BML; Carter Wood, KF4HLF; Mike Campbell, KF4HLM; Tom Fredrickson, KF4NBI; and Carlton McPherson, WA4ZUW. Also, heard with the scouts, and joined on the radio with us, was Rick Morris, KD4VOJ.

At 7:00 a.m. GARS was there for final assignments, as runners were warming up and the race officials were running around with last minute tasks and locating last minute volunteers. Then, Paul and I arrived at 7:05, and next year maybe, I will target 6:45. The one mile race/walk began just after 8:00 and finished by the 8:30 start time of the 5 kilometer run. GARS people changed to the new race positions in time for the 8:30 race. This time, the race was delayed slightly to clear the road of some last minute cars. The race had a few runners waiting getting a little more nervous. The delay was only about 10 minutes before the runners were off. The first runner was finished in about 15 minutes. The last pair of runners were finished in about 35 minutes. A new idea implemented this year had Marty Fowler and Jim Knight riding GARS horse back mobile as a sweep for the runners. How's that for combining at least two hobbies? The idea was executed well guys.

Meanwhile the parade participants were arriving. Carter did a good job

(Continued on page 9)

Detach and Mail

### GARS Membership Application

P.O. Box 88, Lilburn, GA 30226

Amateur Callsign: \_\_\_\_\_ Class: \_\_\_\_\_ Expires: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Name: \_\_\_\_\_ Home Phone: (\_\_\_\_\_) \_\_\_\_ - \_\_\_\_\_

Address: \_\_\_\_\_ Work Phone: (\_\_\_\_\_) \_\_\_\_ - \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ Date of Birth: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Type of Membership:  Individual  Family ARRL Member Y/N: \_\_\_\_\_ ARRL Lifetime Y/N: \_\_\_\_\_

Additional members for Family Memberships

Callsign	Class	Birth Date	ARRL	ARRL Life
_____	_____	_____ / _____ / _____	[Y][N]	[Y][N]
_____	_____	_____ / _____ / _____	[Y][N]	[Y][N]
_____	_____	_____ / _____ / _____	[Y][N]	[Y][N]

Interests:  Class Instruction  Field Day Operations  Repeater Maintenance  **GARS** Booth Staffing  Emergency  
 Community Events  Administrative  Fund Raisers  Other \_\_\_\_\_

Dues:  Individual Membership \$30.00  Family Membership \$35.00  Senior Citizen \$15.00  Student \$15.00

## April Meeting Minutes

by Bill Ahls, KE4EIH - Secretary

Officers in attendance: President Ike Chapman, KE4GYM; Secretary Bill Ahls, KE4EIH; and Activities Manager Marty Fowler, KE4MLH.

The meeting was called to order by President Chapman on May 15, 1997, at 19:35 local time at the Central Baptist Church in Lawrenceville. Introductions were made by all members and visitors.

Announcements of Events in need of volunteers at this time are the May 23, 24, 25 Special Olympics; May 26 Dacula Memorial Day Parade; and June 1 Snellville Grass Roots Hats and Boots Concert (featuring both country and western music for both types of hams). Atlanta Radio Club Hamfest, June 21 and 22, call Howie Gould, W4NVF, to volunteer as GARS security. Field Day is June 28, 29, call Mark Kozma, KD3GC for any position.

The program this evening featured Frank Daniel the Emergency Coordinator of Gwinnett County since May 1996. The Olympics gave him a challenge to talk to all involved groups for Gwinnett for emergency preparedness before the main Olympic event. His eighteen years as a firefighter leading up to public officer groomed Frank for his current assignment. Frank is interested in working with amateur radio and other groups to promote emergency preparedness. This is one of the four main points made up of emergency mitigation, preparedness, disaster response, and recovery. The vision statement was "saving lives and property" and is "we will do whatever no matter what the case." The new emergency operations center is scheduled for the end of 1998 and will consider the integration of hams, ARES, Skywarn, and other groups.

Tuesday night meeting of the Gwinnett County Planning and Zoning Board

will be 7:00 PM at the Justice and Administration Building. The agenda includes an ordinance on antenna towers. The two main changes are under 70 foot towers and over 70 foot towers. First, the 70 foot and lower regulations are about the same as the current 50 foot. Second, the over 70 foot category will have every structure meet commercial cell site structures. This later point is overkill for amateur radio in your backyard and would stop most hobbyist. Please support amateur radio with Jim Altman, N4UCK, in speaking for the amateur community with your presence in this flawed ordinance.

The Treasurer report was approved as presented by Bill, KE4EIH. The minutes for the April meeting were approved as published in the GARZETTE.

Cheryl McClure, AE4HN presented the results of the Special Committee on Honorary Lifetime Membership with a recommendation to accept the proposal of offering life membership to Howard Gould, W4NVF. This motion was unanimously passed by the membership. The Secretary will send a letter informing Howie.

Suzanne Farr reminded all members to get their GARS apparel orders to her. The new apparel includes badges for eight dollars and requires payment when ordered. Payment may be given to Suzanne in person or mailed to the GARS PO Box 88. Suzanne then receives an email, usually that day, for her to process the order.

Field Day Chair Mark Kozma,

(Continued on page 10)

## ...Dacula Parade

(Continued from page 8)

helping the other parade volunteers get the participants in their places as GARS were left by the runners. We were in parade positions waiting for the 10:00 a.m. parade. As the participants were located and lined up and moved, the parade began. Did you know there are eight, counting from the Tiny Miss to the Miss Dacula's? We had GARS hams in the beginning, middle and end of the parade and along the route of the parade. Maybe next year we could have a GARS banner in the parade? The parade had local celebrities, beauty queens, cavalry troop transport, Indians, horse riders, civil war re-enacters, shriners and gymnastic stars.

This is a technical note about the operation for anyone who would like to help next year. All communicating was 2-meter simplex over the few miles of terrain. We proved the longer half and 5/8 wave length "hotrod type" antennas had the most usable signals for this type of work. This is a trade off with some of the more fragile designs and dealing with the extra length to be potentially broken. I saw two nearly broken going under parade tape. Good catch Rick! A couple of watts was all the power required, with some operating on less. I think only one battery pack ran down and the spare was handy. Some rain gear was brought and some forgotten. Those "fanny pack" bags are great for carry accessories and a small poncho.



## Work GARS

### REPEATERS

2-Meter 147.075 MHz <sup>+600</sup>  
PL 82.5  
70-cm 444.525 MHz <sup>+5MHz</sup>  
PL 156.7

### TELEPHONE BBS

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(770) 903-6789

### PACKET

WD4JXR-6 / SNELLV Packet  
Node/Digipeater 145.03 MHz

### SWAP, WANTED and SELL NET

Tuesdays at 8:00PM on the  
**GARS** 2m Repeater.

### MORSE CODE PRACTICE

An interactive Morse Code practice session follows the 8:00PM  
Tuesday night net on the **GARS**  
2m repeater.

### PACKET RADIO USERS NET

Wednesdays at 8:00 PM on the  
2m Repeater.

## ...May Minutes

*(Continued from page 9)*

Payment may be given to Suzanne in person or mailed to the GARS PO Box 88. Suzanne then receives an email, usually that day, for her to process the order.

Field Day Chair Mark Kozma, KD3GC, asked for Field Day volunteers, for antenna preparation, welcome table, and talk-in. Field Day volunteer jobs are split up into tasks so not to overwhelm any individual. This meeting the CW volunteers and operators were discussed. A CW key drawing will be held at field day for a 20 meter CW operator.

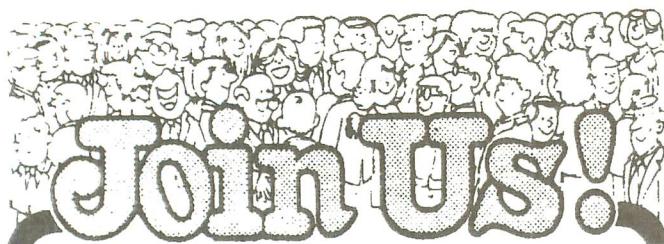
Membership Sue Chapman, presented five applicants for membership in GARS. A motion was made and seconded to accept the applicants as presented and passed without opposition. The new members of GARS are: John Kemker, KF4MZD, Kevin Barry, KF4RMA, Manuel Domingues, KF4RLZ, Odelio Banuelos KF4RMB, and Patrick Moon, KQ4TE.

The digital radio net will start on Thursday 8:00 PM. APRS software is available for shareware, and if registered as a group, the registration is \$24 per person for a group of 10 or more. Talk to John, KD6CLO.

Announcement that a new roof is needed for the repeater shack in Lawrenceville brought no volunteers. It is leaking and should be attended as plans can be made.

The GARS challenge is continuing now with new forms printed and shared at the meeting.

The meeting was adjourned at 21:35 local time by President Chapman.



**FIELD DAY 1997 for:  
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Marty Fowler, KE4MLH

Mark Justice

## Happy Birthdays

### within GARS

by Jack Herndon, KS4LS

KD4VOJ	Rick Morris	June 3
N4PMG	Langdon McAlpin	June 3
	James Watts	June 6
KE4CWC	James Gudgalis	June 6
KE4OSR	Charlotte Matchette	June 7
AE4QF	Lanny Wiley	June 10
K2HJ	Jan Jubon	June 10
KD4ZEN	Dean Gambrel	June 10
KE4IHD	Ralph Matchette	June 13
KS5M	Gordon Macie	June 13
WA4MEI	Randy Jarrett	June 14
KE4QBE	Joan Grant	June 17
KC7VY	Rich Snider	June 17
KD4KVY	Terry Lewis	June 18
WB2SQS	Michael Gioka	June 19
KA9GJL	Ray Kaplan	June 20
KD4HLV	Marty Ernst	June 20
KE4KPV	John Sokol	June 27
KF4GUO	Robert Cates	June 24
N1TWX	Winslow Jackson	June 30

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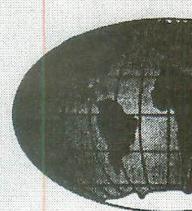
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# THE GARZETTE

JUNE, 97

Gwinnett Amateur Radio Society  
P.O. Box 88  
Lilburn, GA 30226



**GARS meets the third Thursday of each month at Central Baptist Church on Gwinnett Drive in Lawrenceville. The next meeting will be on June 19 at 7:30 P.M.**

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THE GARZETTE

JUNE, 97

## Metro Atlanta Test Sessions

**GARS** Publishes Metro Area VE/VEC Exam Schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions.

1st Saturday - 9:00AM  
George White, KN4NG 361-6850  
Clayton Co. Emergency Mgmt. Bldg.  
7496 N. McDonough St. - Jonesboro

2nd Tuesday - 7:00PM  
Wayne Taylor, WD4CCA 498-7759  
Walton EMC, 3645 Lenora Church Rd.  
Snellville

2nd Saturday - 8:30AM - CA VEC  
Hal Martin, KI4RD - 978-9160  
Stone Mountain Methodist Church  
5312 West Mountain St., Stone Mtn.

3rd Saturdays - 9:00AM - CA VEC  
Larry Huff, WA4CQZ - 955-3171  
Marietta First United Methodist Church  
56 Whitlock Ave, Room 305

4th Sunday- 2:30PM - ARRL VEC  
Steve Schmidt, KR4DL - 242-6142  
Episcopal Church of the Atonement  
Highpoint Rd, Atlanta

4th Tuesday - 7:00PM ARRL VEC  
Jessie Clower, KB4WFK - 942-6466  
United Way Service Center  
6279 Fairburn Road, Douglasville, GA

4th Friday - 7:00PM  
**GARS W5YI-VEC**  
Howie Gould, W4NVF 921-8362  
St. John Neumann Church  
801 Tom Smith Rd, off Five Forks  
Trickum Rd, Lilburn

**Headphones!**

Mon	147.21+	8:00PM	Conyers ARES Net t-162.2
Mon	145.45-	8:00PM	ARES Net (Decatur)
Mon	145.47-	8:00PM	North Fulton ARL Net
Mon	145.41-	8:30PM	MATPARC Net
Mon	3.975	8:00PM	Swap Net
<b>Mon</b>	<b>147.075+</b>	<b>9:00PM</b>	<b>Gwinnett ARES Net</b>
<b>Tue</b>	<b>147.075+</b>	<b>8:00PM</b>	<b>GARS Weekly Net</b>
<b>Tue</b>	<b>147.075+</b>	<b>9:00PM</b>	<b>GARS CW Practice</b>
Tue	145.47-	10:30PM	Insomniac Net
<b>Wed</b>	<b>147.075+</b>	<b>8:00PM</b>	<b>GARS Packet Net</b>
Wed	145.41-	8:00PM	Chapter 49, QCWA Net
Wed	146.67-	9:00PM	LARC Net
Wed	146.655-	9:00PM	BSRG Net t-188.8
Thu	146.88-	8:00PM	Kennahochie ARC
Thu	147.225+	8:00PM	NE Ga ARC
Thu	147.15	8:00PM	simplex
Thu	145.41-	9:30PM	AMSAT
Thu	Cable57	9:30PM	Amateur Television, ATV
Fri	3.898	8:00PM	GA Traders Net
Fri	145.47-	8:00PM	NFARL Youth Net
Fri	146.76-	Midnight	Turnip Truck Net t-107.2
Sat	7.275	8:00AM	Swap Net
Sat	3.857	9:00AM	Chapter 49, QCWA Net
Sat	146.76-	Midnight	Turnip Truck Net t-107.2
Sun	146.82-	8:00PM	ARC Net
Sun	146.76-	7:00PM	Roundtable AMRC t-107.2
Sun	7.275	9:00AM	GA Traders Net
Sun	3.983	5:00PM	GA ARES
Daily	146.76-	Noon	Brown Bag Net t-107.2
Daily	146.88-	11:00PM	Late Nite Owl Net
Daily	146.79-	8:00PM	Sassafrass Mtn.
Daily	3.975	6:00PM	WX & Skymar

This is a "living list", meaning it is constantly changing. If you know of additions or changes to it please contact the Editor.